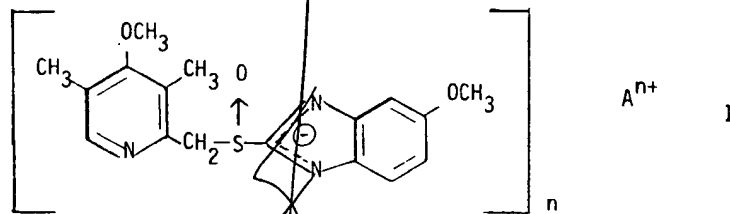
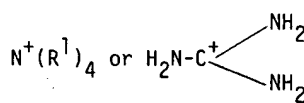


What we claim is:

1. A compound of the formula



wherein n is 1, 2, or 4; and  $A^{n+}$  is  $Li^+$ ,  $Na^+$ ,  $K^+$ ,  $Mg^{2+}$ ,  $Ca^{2+}$ ,  $Ti^{4+}$ ,



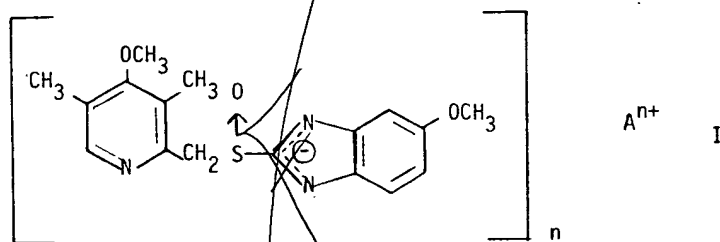
wherein  $R^1$  is an alkyl group containing 1-4 carbon atoms.

2. A compound according to claim 1 wherein  $A^{n+}$  is  $Na^+$ ,  $K^+$ ,  $Mg^{2+}$  or  $Ca^{2+}$ .

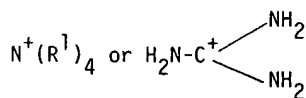
3. A compound according to claim 1 wherein  $A^{n+}$  is  $Na^+$ .

4. A compound according to claim 1 wherein  $A^{n+}$  is  $Mg^{2+}$ .

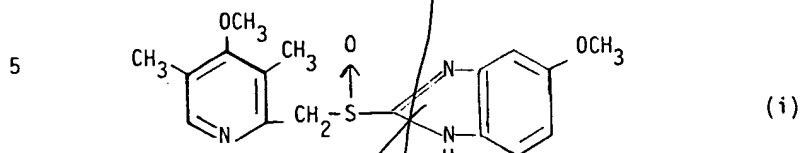
5. A process for the preparation of a compound of the formula



35 wherein n is 1, 2, or 4; and  $A^{n+}$  is  $Li^+$ ,  $Na^+$ ,  $K^+$ ,  $Mg^{2+}$ ,  $Ca^{2+}$ ,  $Ti^{4+}$ ,



wherein  $R^1$  is an alkyl group containing 1-4 carbon atoms characterized by reacting omeprazole of the formula



with a base capable of releasing the cation



to give a salt of the formula I, which salt is thereafter isolated.

15 6. A process according to claim 5 wherein the base releasing the cation  $A^{n+}$  is NaOH,  $NaNH_2$ , or  $NaNH_2$  wherein R is an alkyl group containing 1-4 carbon atoms.

20 7. A process according to claim 5 wherein the base releasing the cation  $A^{n+}$  is  $Mg(OR)_2$  wherein R is an alkyl group containing 1-4 carbon atoms.

8. A pharmaceutical composition containing as active ingredient a compound according to any of claims 1-4.

25 9. A compound as defined in any of claims 1-4, for use in inhibiting gastric acid secretion in mammals and man.

10. A compound as defined in any of claims 1-4, for use as gastrointestinal cytoprotecting agent in mammals and man.

30 11. A compound as defined in any of claims 1-4, for use in the treatment of gastrointestinal inflammatory diseases in mammals and man.

35 12. A method for inhibiting gastric acid secretion by administering to mammals and man a compound as defined in any of claims 1-4.

13. A method for the treatment of gastrointestinal inflammatory diseases in mammals and man by administering a compound as defined in any of claims 1-4.

14. A method for providing gastrointestinal cytoprotective effects in mammals and man by administering a compound as defined in any of claims 1-4.

- 5 15. Compounds, pharmaceutical preparations, processes for their preparation, and their medicinal use, as claimed in claims 1-14 and substantially as described.

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F<sub>2</sub>*

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